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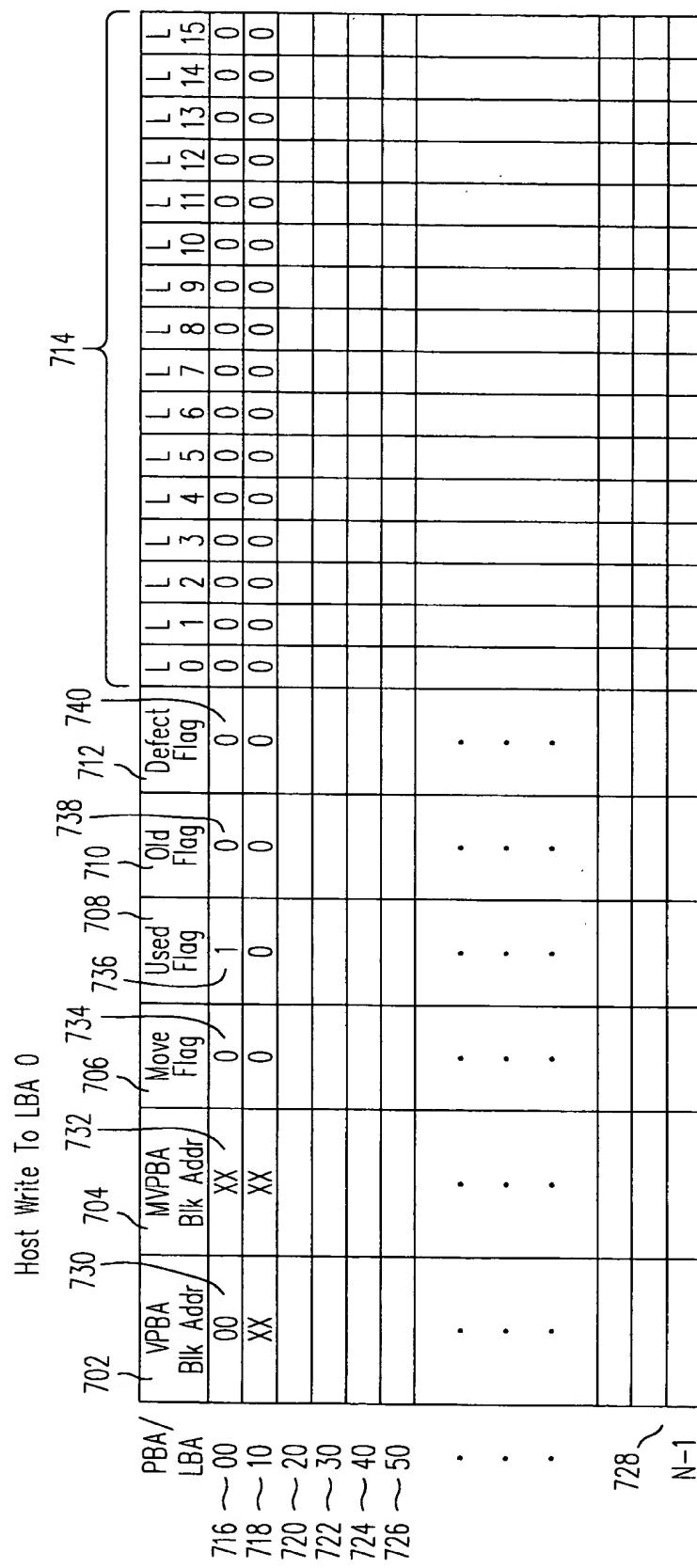


FIG. 16



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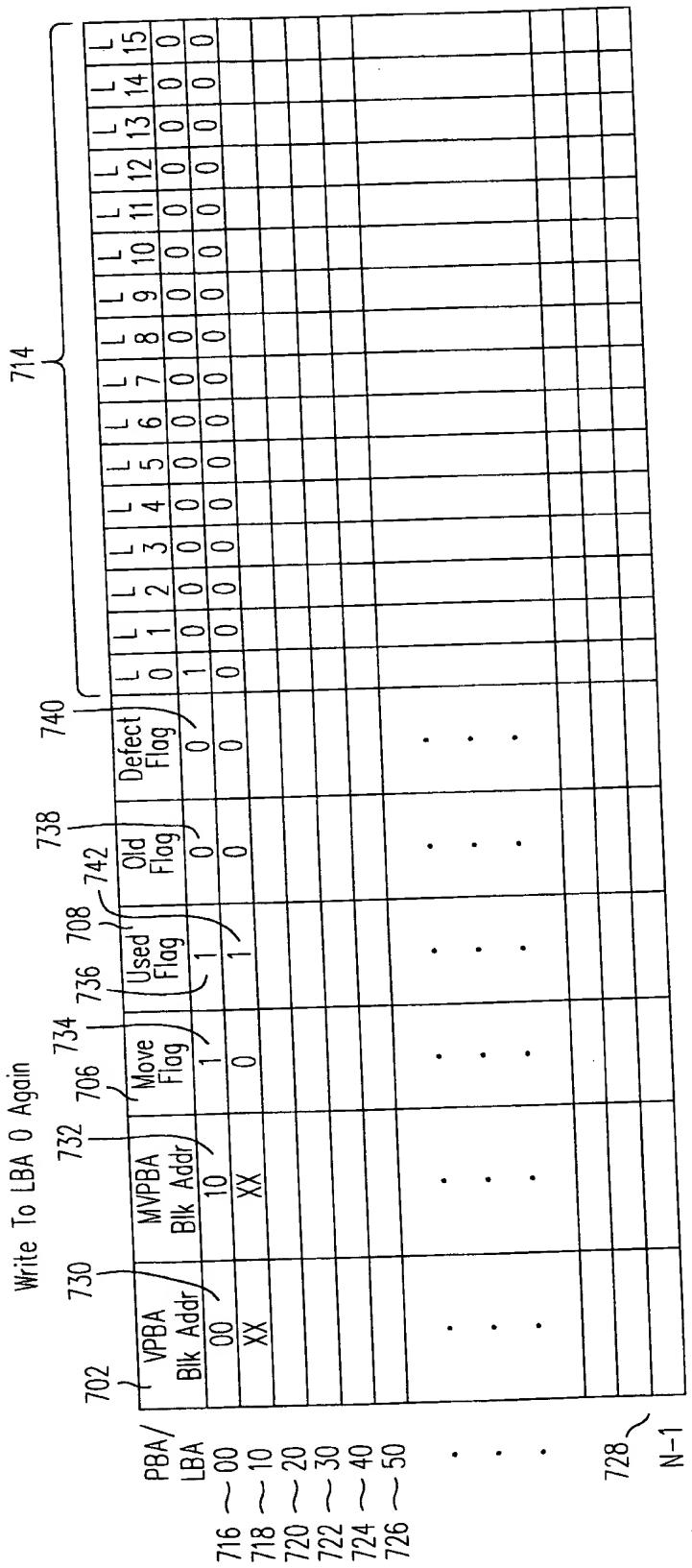


FIG. 17

700 →



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Host Write To LBA 5		730	732	734	746	742	744	714	
PBA / LBA	VPBA / Blk Addr	MVPBA Blk Addr	Move Flag	Used Flag	Old Flag	Defect Flag	L	L	L
716 ~ 00	00	10	1	1	0	0	0	1	2
718 ~ 10	XX	XX	0	1	0	0	0	0	3
720 ~ 20					0	0	0	0	4
722 ~ 30					0	0	0	0	5
724 ~ 40					0	0	0	0	6
726 ~ 50					0	0	0	0	7
					0	0	0	0	8
					0	0	0	0	9
					0	0	0	0	10
					0	0	0	0	11
					0	0	0	0	12
					0	0	0	0	13
					0	0	0	0	14
					0	0	0	0	15

728
N-1

FIG. 18

700
→



FIG. 19

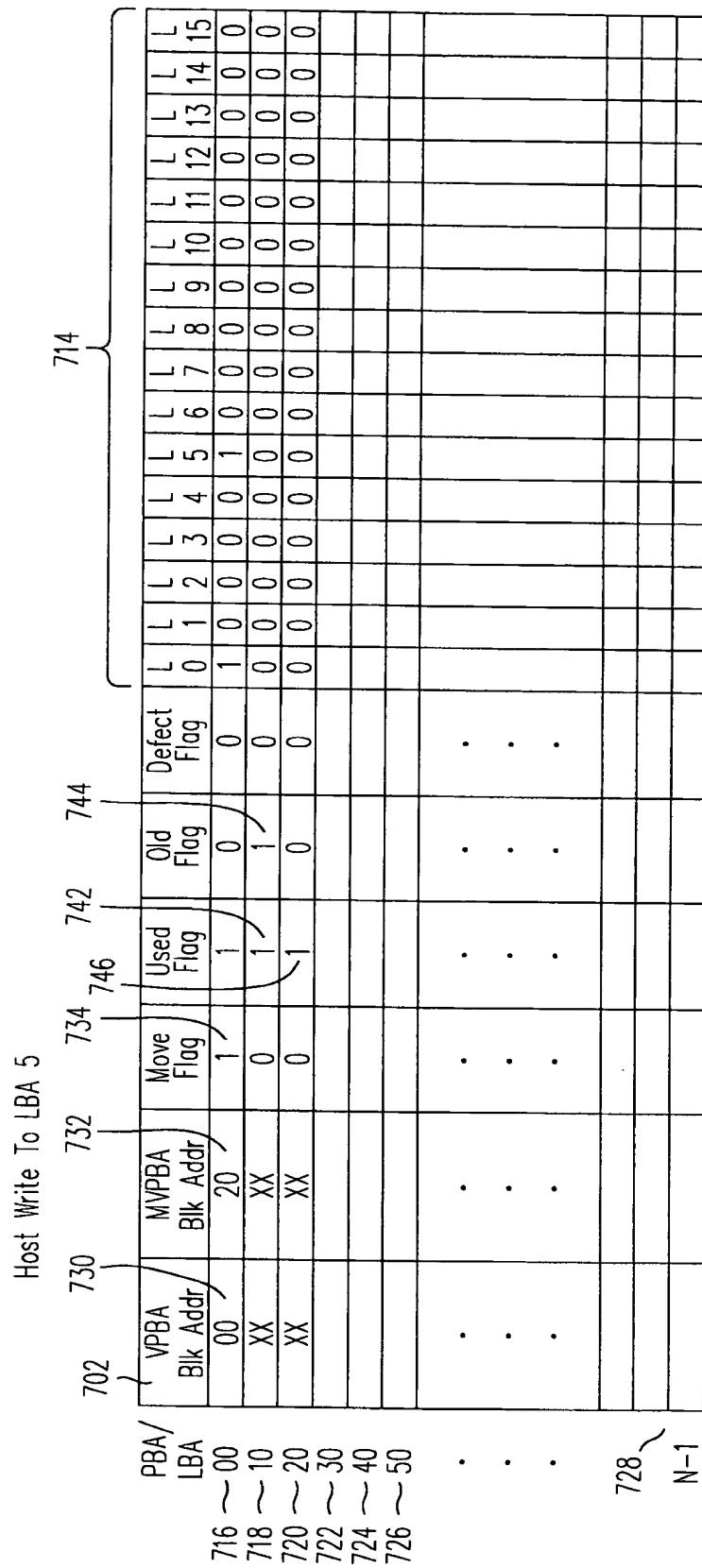


FIG. 20



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FIG. 21

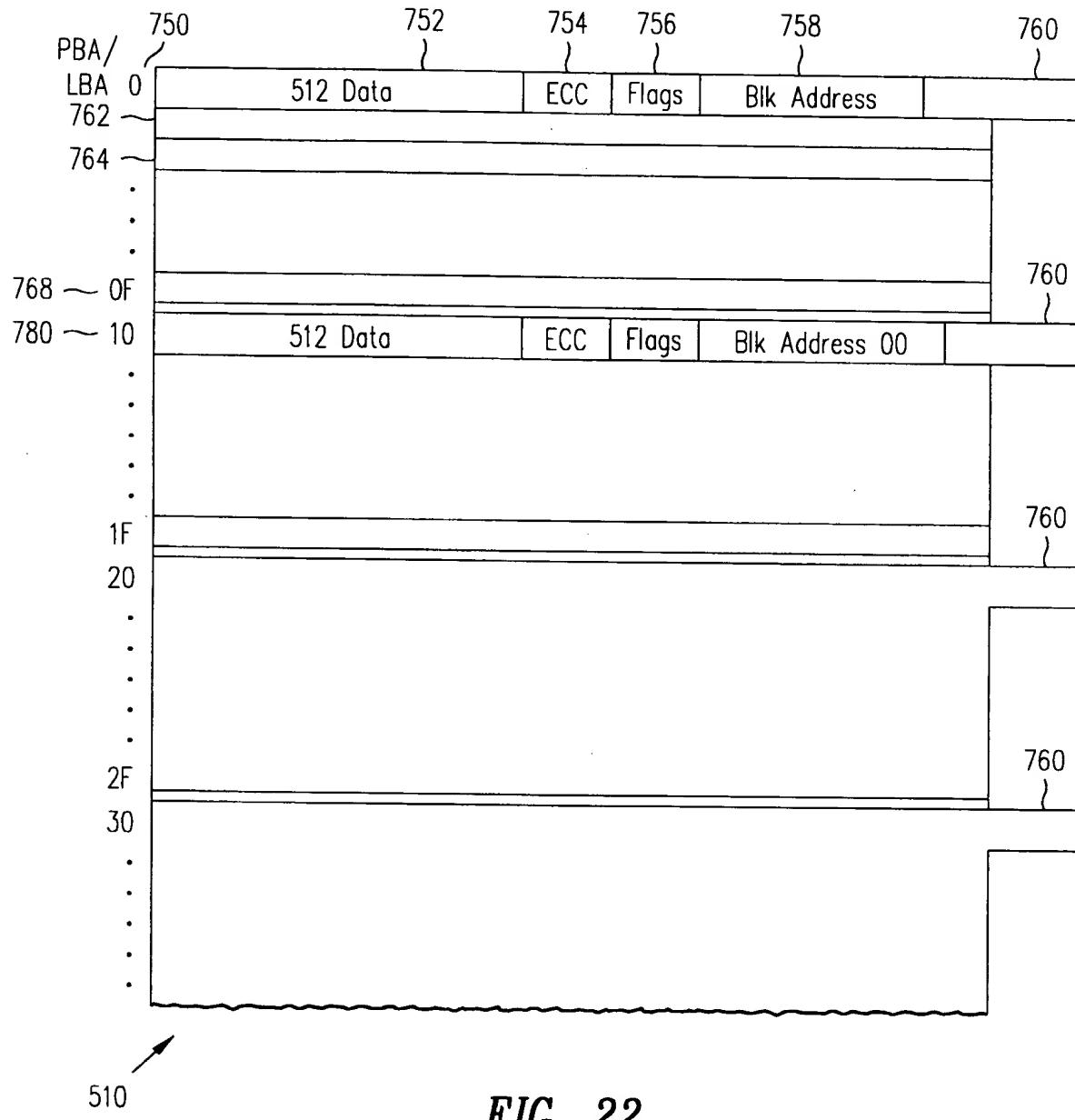


FIG. 22

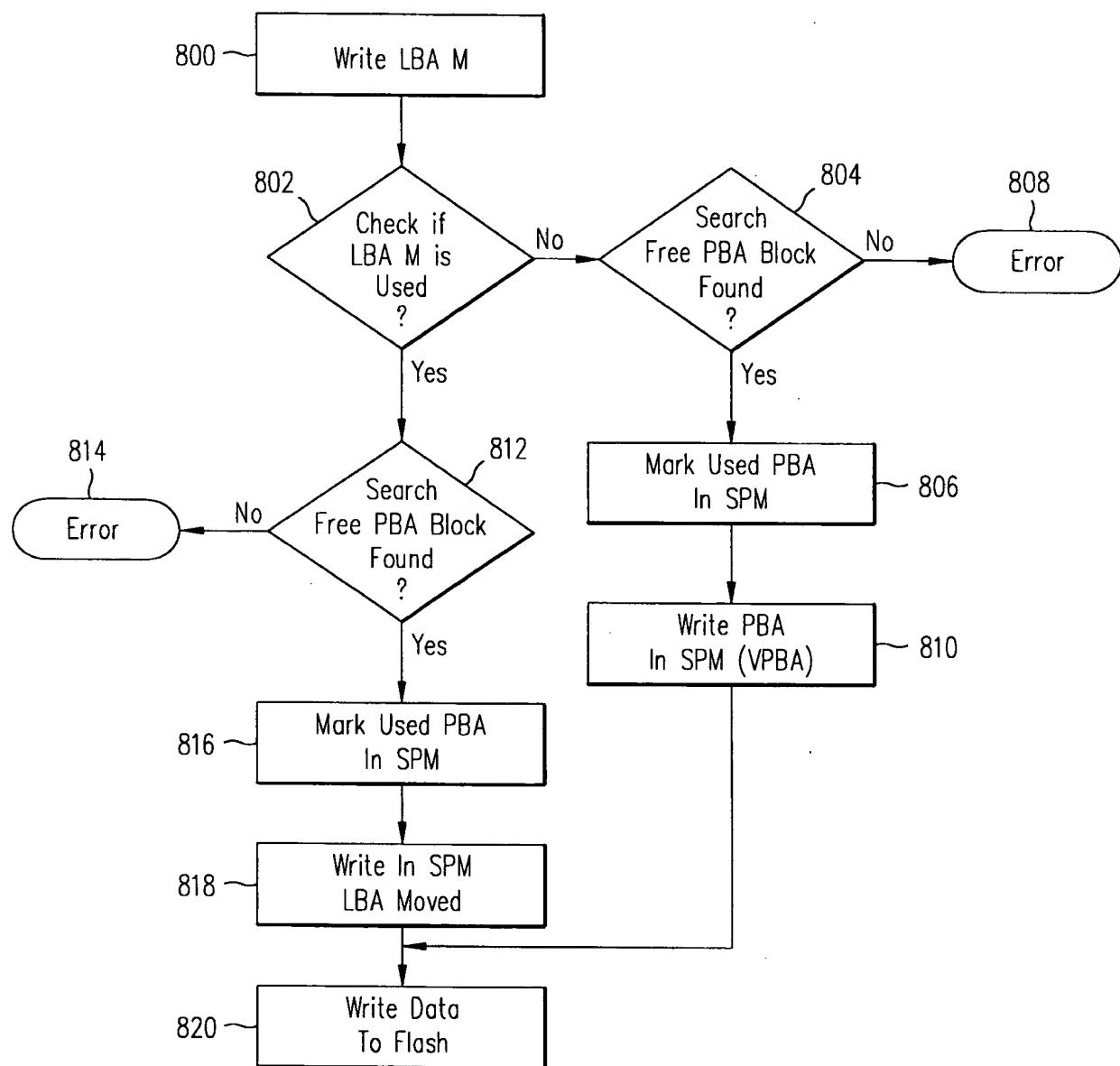


FIG. 23



Appl No. 09/620,544
 Amdt. Dated August 27, 2004
 Reply to Office Action of June 30, 2004
 Replacement Sheet

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PBA/ LBA	702		730		732		706		734		708		742		714
	VPBA Blk Addr	MVPBA Blk Addr	Move Flag	Used Flag	Old Flag	Defect Flag									
716 ~ 00	00	20	1	1	0	0	1	0	0	0	0	0	0	0	15
718 ~ 10	XX	XX	0	1	1	0	0	0	0	0	0	0	0	0	14
720 ~ 20	XX	XX	0	1	0	0	0	0	0	0	0	0	0	0	13
722 ~ 30															12
724 ~ 40															11
726 ~ 50															10
															9
															8
															7
															6
															5
															4
															3
															2
															1
															0

Host Write To LBA 5

700
N-1

FIG. 15



Appl No. 09/620,544
Amdt. Dated August 27, 2004
Reply to Office Action of June 30, 2004
Annotated Sheet Showing Changes

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Host Write To LBA 5

FIG. 15

↑
700

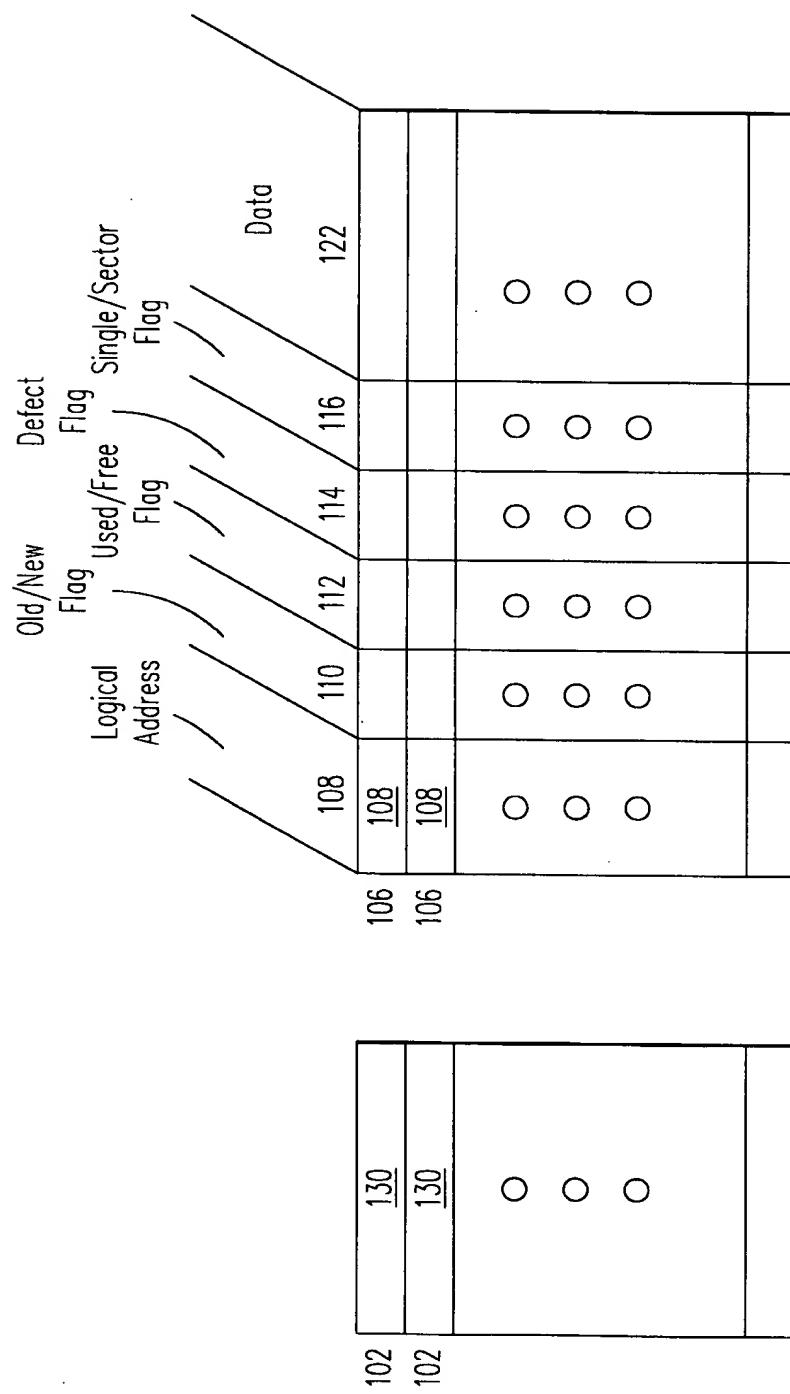
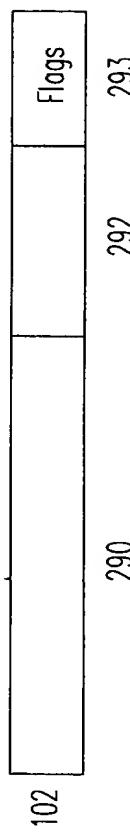


FIG. 1



FIG. 2



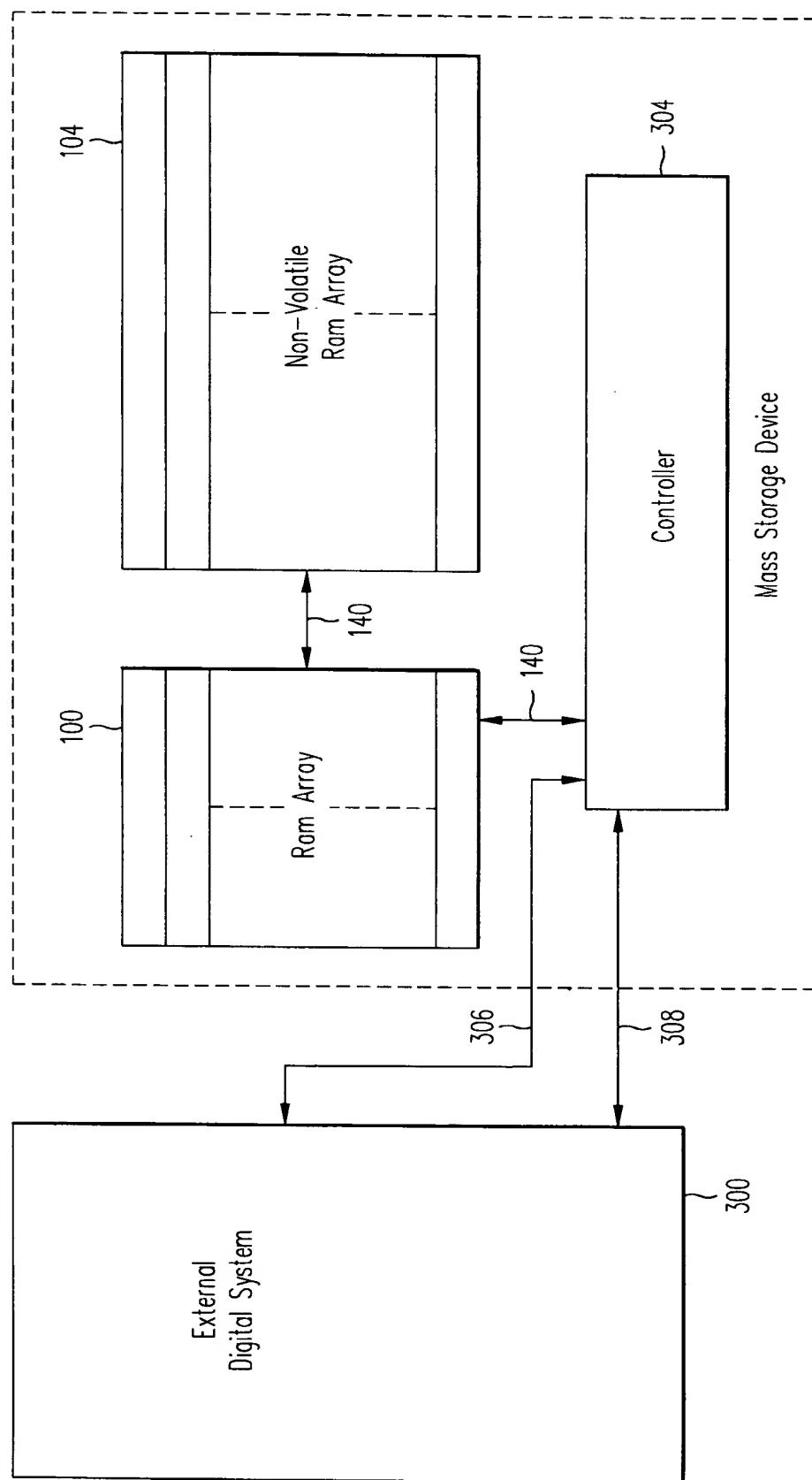


FIG. 3



Actual LBA/ Actual PBA	Virtual PBA	old	used	def
0		0	0	0
1		0	0	0
2		0	0	0
3		0	0	0
4		0	0	0
5		0	0	0
6		1	1	0
7		0	0	0
8		0	0	0
9		0	0	1
10		0	0	0

FIG. 4

Actual LBA/ Actual PBA	Virtual PBA	old	used	def
0		0	1	0
1		0	0	0
2		0	0	0
3	0	0	0	0
4		0	0	0
5		0	0	0
6		1	1	0
7		0	0	0
8		0	0	0
9		0	0	1
10		0	0	0

FIG. 5

Actual LBA/ Actual PBA	Virtual PBA	old	used	def
0		0	1	0
1		0	1	0
2		0	0	0
3	0	0	0	0
4	1	0	0	0
5		0	0	0
6		1	1	0
7		0	0	0
8		0	0	0
9		0	0	1
10		0	0	0

FIG. 6



Actual LBA/ Actual PBA	Virtual PBA	old	used	def
0		1	1	0
1		0	1	0
2		0	1	0
3	2	0	0	0
4	1	0	0	0
5		0	0	0
6		1	1	0
7		0	0	0
8		0	0	0
9		0	0	1
10		0	0	0

FIG. 7

Actual LBA/ Actual PBA	Virtual PBA	old	used	def
0		1	1	0
1		1	1	0
2		0	1	0
3	2	0	1	0
4	3	0	0	0
5		0	0	0
6		1	1	0
7		0	0	0
8		0	0	0
9		0	0	1
10		0	0	0

FIG. 8

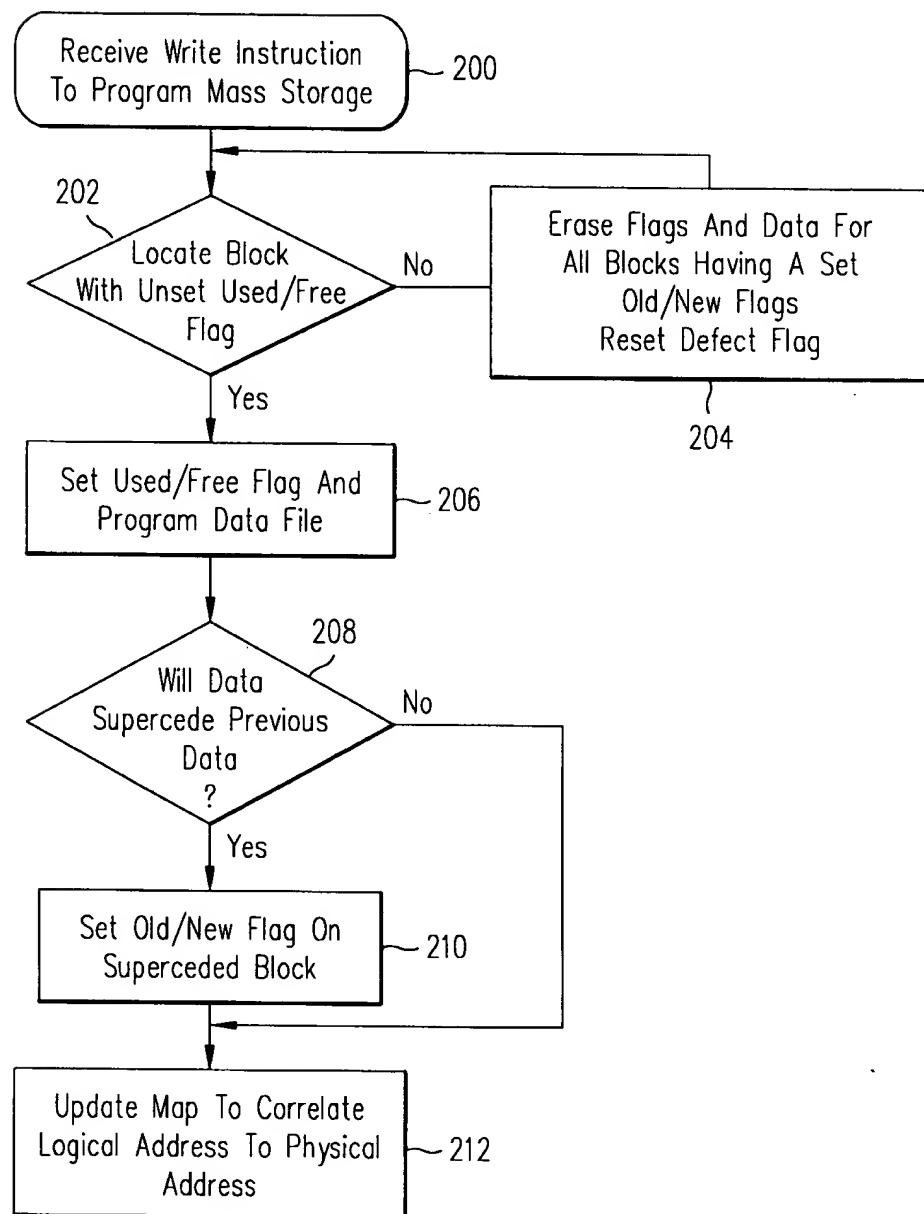


FIG. 9

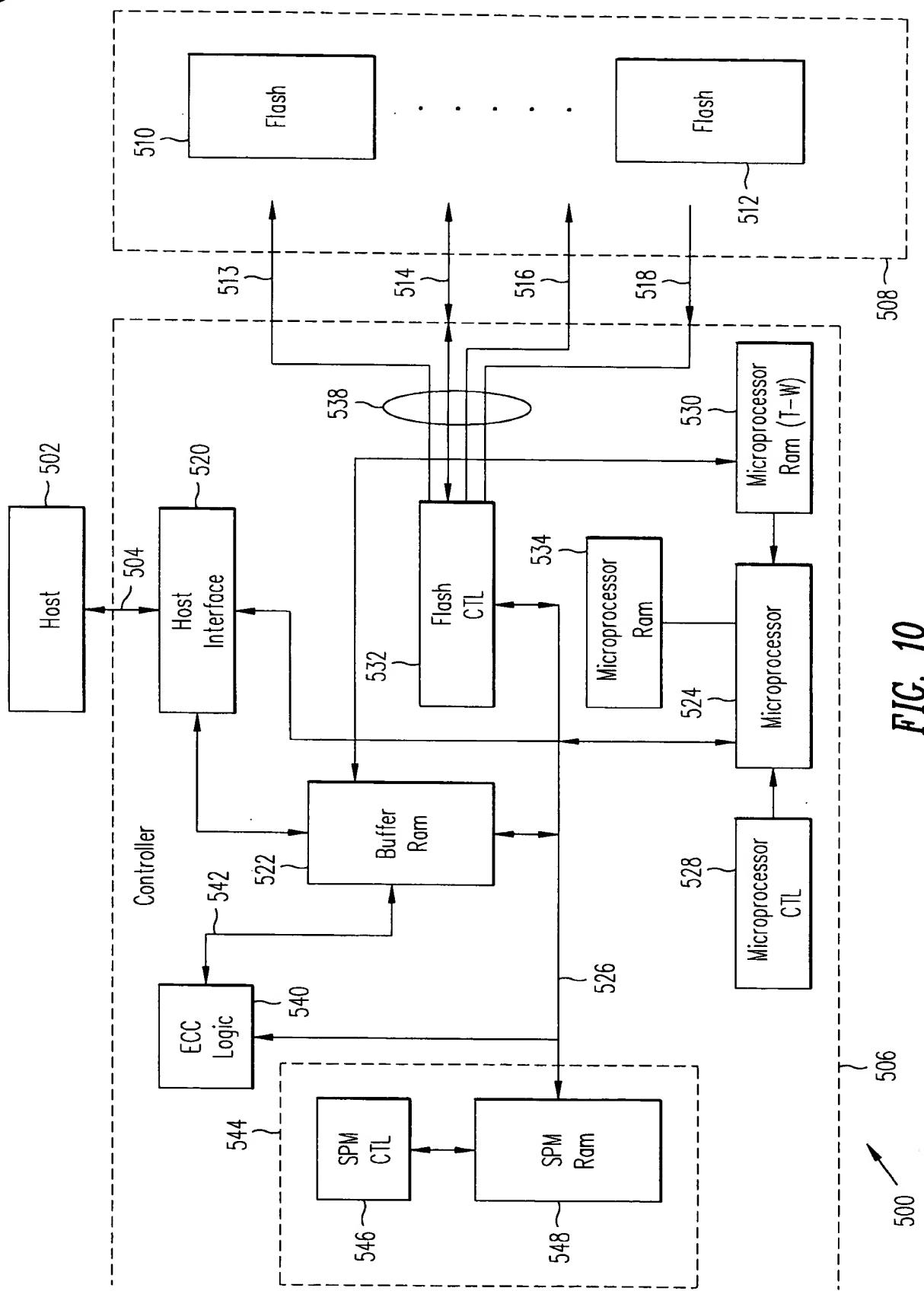


FIG. 10



FIG. 11

700



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FIG. 12

700



FIG. 13



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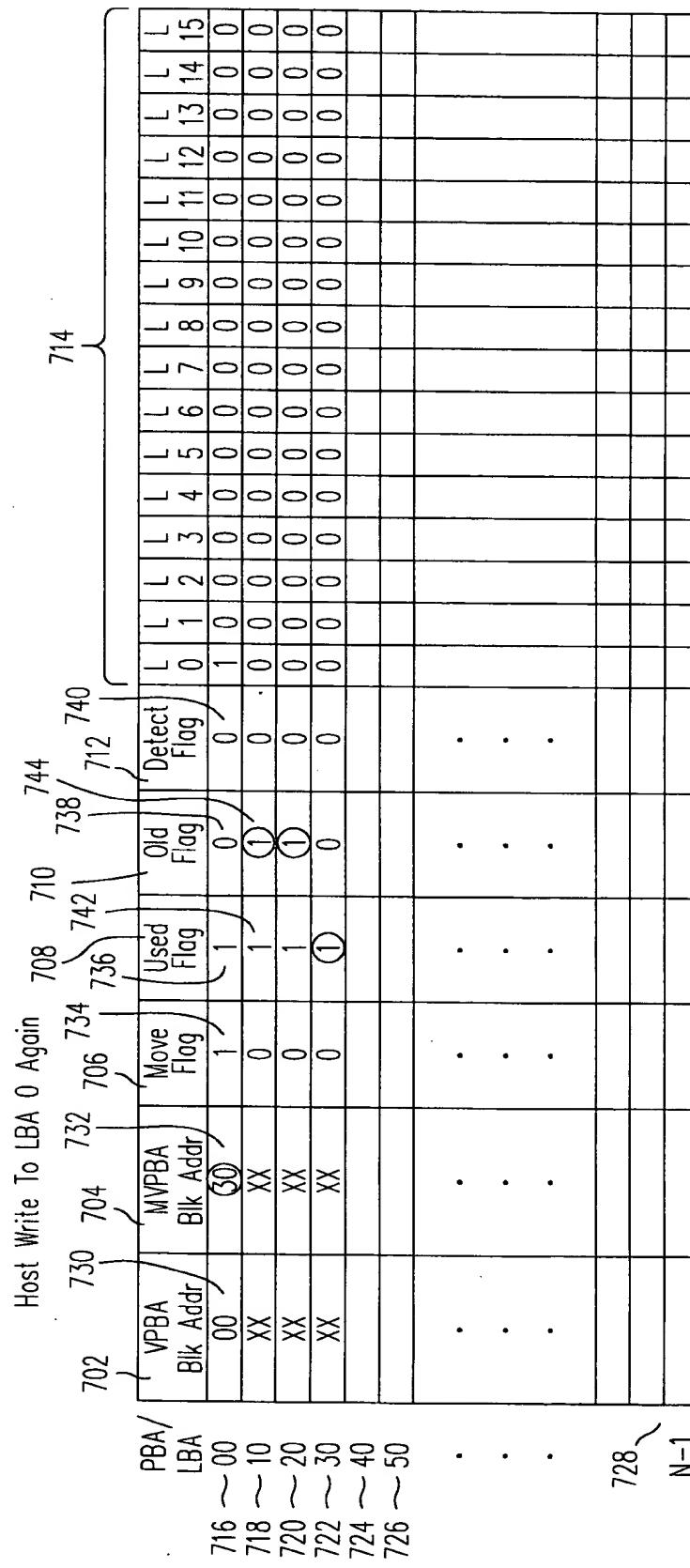


FIG. 14

700



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Host Write To LBA 5 .

FIG. 15

700